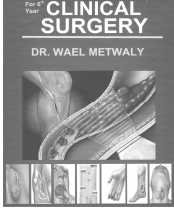
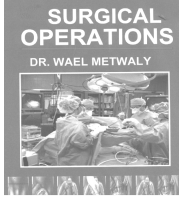
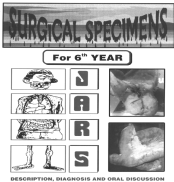
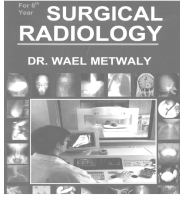


# REVISION 1

## BREAST DISORDER

BY DR. WAEL METWALY

<p>★ <b>Clinical</b></p>  <ul style="list-style-type: none"> <li>- Chronic Breast Abscess</li> <li>- Fibroadenosis</li> <li>- Hard Fibroadenoma</li> <li>- Breast Cancer</li> </ul>	<p>★ <b>Operative</b></p>  <ul style="list-style-type: none"> <li>- Radical Mastectomy</li> <li>- Treatment of Mastitis &amp; Acute Breast Abscess.</li> <li>- Management of Cancer.</li> </ul>
<p>★ <b>Jars</b></p>  <ul style="list-style-type: none"> <li>- Breast Cancer</li> </ul>	<p>★ <b>X-rays</b></p>  <ul style="list-style-type: none"> <li>- Soft tissue Mammography</li> </ul>

## EXAMS

- A. Anatomy
- B. Written Questions
- C. Explanations
- D. Cases

### A. ANATOMY

- 2001 - Discuss Lymphatic Drainage of the Breast
- 2004 - Discuss Anatomy of Female Breast
  - Discuss Lymphatic Drainage of the Breast
- 2007 - Discuss Lymphatic Drainage of the Breast
- 2008 - Discuss Anatomy of Female Breast

(10 Marks) دور ثانی

(20 Marks) دور ثانی

(10 Marks)

(10 Marks) دور ثانی

(10 Marks) دور ثانی

## B. WRITTEN QUESTIONS

**2001**

- Discuss **Skin Manifestations** of Female Cancer **Breast**.
- Mention Aetiology, pathology, C/P of **Acute Breast Abscess**

(10 Marks) دور ثانی

(10 Marks)

**2002**

- Mention DD of **Breast lump**
- Discuss, causes & management of **Nipple Discharge**
- Discuss DD between **Paget's & Eczema**

(15 Marks) دور ثانی

(12 Mark)

(12 Mark)

**2003**

- Enumerate causes & investigations of **Discharge per Nipple**
- Discuss **Paget's** disease of nipple
- Discuss DD of **Mass** of the Breast.

(12 Marks) دور ثانی

(12 Marks) دور ثانی

(12 Marks) دور ثانی

**2004**

- A 55 years old women presented with a hard lump in the breast. Discuss the **necessary investigations**.

(10 Marks)

**2005**

- Enumerate **5 Risk factors** of cancer breast
- Discuss management of **Discharge per Nipple**.

(5 Marks) دور ثانی

(15 Marks) دور ثانی

**2006**

- Discuss C/P & Management of **Acute Breast Abscess**
- Discuss Aetiology & Management of **Bleeding per Nipple**.
- Enumerate **5 Risk factors** of cancer breast
- Discuss management of **Discharge per Nipple**.

(10 Marks) دور ثانی

(10 Marks) دور ثانی

(5 Marks)

(15 Marks)

**2007**

- A 45 years old women presented with a hard lump in the breast. Discuss **Staging & necessary investigations**.

(20 Marks) دور ثانی

**2008**

- Discuss DD of a hard lump of the breast in a 40 years old female & its **management**.
- Discuss Treatment of **Early cancer breast**

(15 Marks) دور ثانی

(15 Marks)

**2009**

- A 39 years old female, with history of breast lump since 3 months. On examination you found breast mass about 6 cm in the outer lateral quadrant. It is intra-ductal carcinoma & fix to chest wall, peau d' orange skin, L.Ns in the axilla are 1-2 cm & fixed, no supra-clavicular L.Ns . General metastatic examination was free.

**What are line of treatment available for this case.**

(20 Marks) دور ثانی

- A 40 years female present 2 cm lump in the upper outer quadrant of Rt. breast. Core biopsy confirms invasive duct carcinoma.

**What are line of treatment available for this case.**

(15 Marks)



## C. **EXPLAIN**

### **THE FOLLOWING STATEMENTS**

**1. Early drainage is the proper management of acute breast abscess**

( 2006 - دور اول - 6 oct. )

- To avoid destruction of lactiferous ducts.

**2. In case presenting with lactating breast abscess it is advisable to drain early**

( Kasr - دور ثانی - 2007 )

- To avoid destruction of lactiferous ducts.

**3. Routine screening mammography is recommended for female after the age of 40 years**

( 6 oct. - دور ثانی - 2006 )

- To detect non palpable mass especially with female with risk factors.

**4. It is not advisable to give Radiotherapy to Axilla after axillary evacuation of breast cancer**

( Kasr - دور ثانی - 2005 )

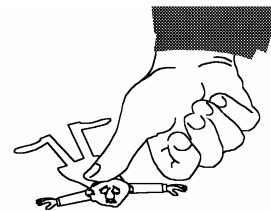
- To reduce the possibility of lymphatic edema. as the radiotherapy → lymphatic obstruction.

**5. Patient with breast cancer & +ve axillary L.Ns should be treated by Chemotherapy (Post-operative)**

( Kasr - دور ثانی - 2006 )

- To kill any potential distant micro-metastases that have escaped post-operative

## D. **CASES**



**Case [1] ( Bacterial Mastitis )**

**A 25-years-old- lactating female presented with pain at her left breast. Associated with fever. Which becomes worse at night. By examination there were tender axillary L.Ns & no nipple discharge .**

- a. *What is the provisional diagnosis .*
- b. *What is Aetiology*
- c. *What is the treatment*

### **Case [2] ( Acute Abscess )**

**A young lactating female presented with painful mass at her left breast. Associated with fever & bad odour discharge at her brace .**

- a. What is the provisional diagnosis .*
- b. What is the usual mode of presentation*
- c. What is the treatment*

### **Case [3] ( Chronic Abscess )**

**A 30-years-old female presented with painless hard mass at Rt. breast. There was past history of purulent discharge & was advised medical treatment**

- Discuss the diagnosis*

### **Case [4] ( Mammary Duct Ectazia )**

**A 35-years-old lady presented by toothpaste – like discharge from her right nipple**

- Discuss the diagnosis*

### **Case [5] ( Fibroadenosis )**

**A 25-years-old girl presented by pain in her left breast which increase just before each menses.**

- a. What is the provisional diagnosis?*
- b. What is the aetiology of this condition?*
- c. What is the management?*

### **Case [6] ( Duct Papilloma or Duct Carcinoma )**

**A 40-years-old lady presented to the breast clinic with a bloody discharge from her right nipple**

- a. What is the differential diagnosis?*
- b. What is the causes of bleeding?*
- c. How can you manage this condition?*

### **Case [7] ( Chronic Breast Abscess or Cancer )**

**A female patient 50-years-old presented with a hard painless lump in the right breast.**

**(2004 – دور أول - 6 Oct)**

*- Discuss the diagnosis*

### **Case [8] ( Mammary Duct Ectazia or Chronic Breast Abscess or Cancer )**

**A female patient 36-years-old presented with a hard lump in the upper lateral quadrant of her breast.**

**(2006 – دور أول - 6 Oct)**

- a. What are the possibilities ?*
- b. Discuss important points in history & clinical exam.?*
- c. What are investigations would you order?*
- d. What is the treatment?*

### **Case [9] ( Cancer Breast - Operable )**

**A 55-years-old women presented with a hard lump in the breast**

**(2004 – دور أول - Kasr)**

**( 2007 - دور ثانی - Kasr )**

*- Discuss the necessary investigations.*

### **Case [10] ( Cancer Breast - Inoperable )**

**A 70-years-old women presented to the breast clinic with a lesion in the Lt. breast & pain in the right hypo-chondrium & Jaundice**

- What is the diagnosis ?*
- What are investigations would you order?*
- What is the treatment?*

### **Case [11] ( Cancer Breast )**

**A 39 years old female, with history of breast lump since 3 months. On examination you found breast mass about 6 cm in the outer lateral quadrant. It is intra-ductal carcinoma & fix to chest wall, peau d' orange skin, L.Ns in the axilla are 1-2 cm & fixed, no supra-clavicular L.Ns . General metastatic examination was free.**

**( Kasr - دور ثانی - 2009 )**

- What is the T.N.M staging in this case?*
- How could this patient discover her disease early?*
- What are the treatment available for this case?*

### **Case [12] ( Cancer Breast )**

**A 40 years female present 2 cm lump in the upper outer quadrant of Rt. breast. Core biopsy confirms invasive duct carcinoma.**

**( Kasr - دور أول - 2009 )**

- What are the needed investigations?*
- What are the treatment options?*
- Discuss pros & cons of each treatment option?*

**بِسْمِ اللَّهِ**  
**GOOD LUCK**

**Dr. WAEL**